

Message

From: Holst, Linda [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=97E4A65ADDD9494FA193C98DD5D12B55-LHOLST]
Sent: 10/4/2018 1:43:20 PM
To: Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: RE: Question on Isotope Data for Central Sands

Thanks, Cheryl.

From: Burdett, Cheryl
Sent: Thursday, October 04, 2018 8:31 AM
To: Holst, Linda <holst.linda@epa.gov>; Maraldo, Dean <Maraldo.Dean@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Cc: Mikalian, Charles <mikalian.charles@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Nelson, Leverett <nelson.leverett@epa.gov>
Subject: RE: Question on Isotope Data for Central Sands

Hello Linda:

I don't think that this can be done with the N15 and O18 isotope analyses we had done, but I have sent an e-mail to Dr. Snow with the University of Nebraska Water Science Laboratory asking him this question.

Cheryl Burdett
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CAFO Program Manager
Work: 312-886-1463
Burdett.cheryl@epa.gov.

From: Holst, Linda
Sent: Thursday, October 04, 2018 8:04 AM
To: Burdett, Cheryl <burdett.cheryl@epa.gov>; Maraldo, Dean <Maraldo.Dean@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Cc: Mikalian, Charles <mikalian.charles@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Nelson, Leverett <nelson.leverett@epa.gov>
Subject: Question on Isotope Data for Central Sands

Can the isotope analysis done on the ground water samples differentiate between legacy fertilizer and fertilizer that was applied more recently? Can it tell the difference between the two?

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